Opcode Patch Librarian
Version 4

Supplement for Lexicon PCM 70

November 17, 1987

Copyright ©1987 by Opcode Systems

Published by:

Opcode Systems
1024 Hamilton Ct
Menlo Park, California 94025
(415) 321-8977

All Rights Reserved

Macintosh is a trademark licensed to Apple Computer, Inc.

Table of Contents

About the Supplement 3
File Types 3
Basic PCM 70 Operation 3

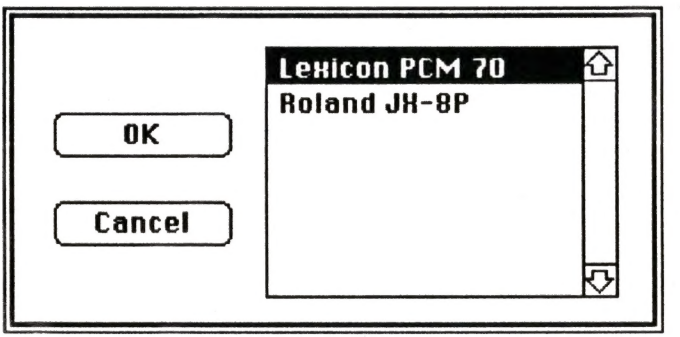
Setting up the Macintosh and the PCM 70 4
Transferring Data to and from your PCM 70 4
Getting a Register from your PCM 70 5
Sending a Register to your PCM 70 5
Getting a Bank from your PCM 70 5
Sending a Bank to your PCM 70 5

ABOUT THE SUPPLEMENT

This document tells you everything you need to know about the Patch Librarian program which pertains specifically to the Lexicon PCM 70 Digital Effects Processor. The information is presented in the same order as it is in the tutorial part of the main Patch Librarian manual. There is no specific section for the **Load/Send** menu; the Table of Contents above will refer you to the page where each item is described.

FILE TYPES

When you start up the Lexicon PCM 70 Librarian, after indicating your MIDI port setup, a bank window will open immediately. However, if you have combined your PCM 70 librarian with another Librarian or Editor/Librarian, you might see a window such as this one:



File Type Dialog Box

At this point, you should simply select Lexicon PCM 70.

BASIC PCM 70 OPERATION

The PCM 70 operates in 3 modes: program, register and parameter. It is in program mode when PGM is lit, register mode when REG is lit, and parameter mode when neither is lit. To select a program, register or parameter on the PCM 70, enter the appropiate mode, then use the Up, Down and 0-9 keys to select a particular item. To load a program or register (that is, to make it the one that you hear), select it, then press the LOAD key.

Setting up the Macintosh and the PCM 70

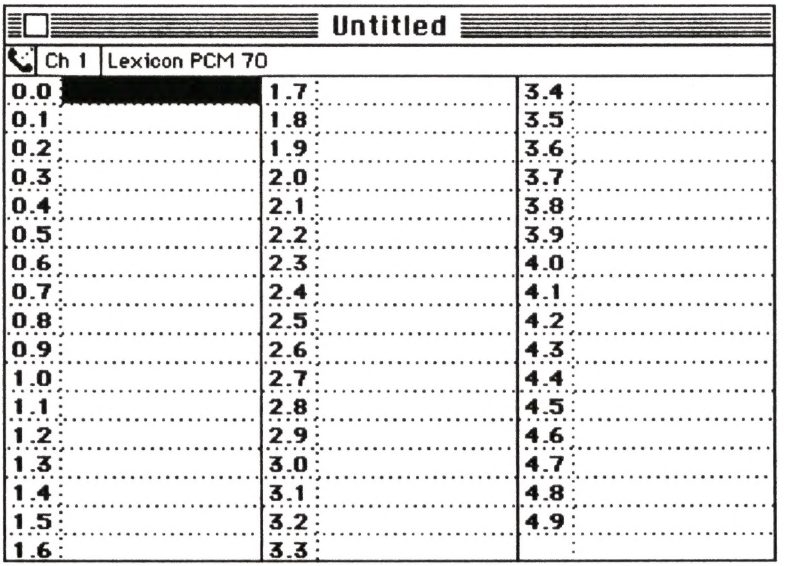
There are only a few things to check before transferring sounds between your Macintosh and the PCM 70.

MIDI Channel

The PCM 70 has a "Basic MIDI Channel". Each window you open in Patch Librarian also has a MIDI Channel. Your responsibility is to make sure these match. Since the PCM 70's MIDI channel setting is important to its operation in your overall system, it is probably best not to change it: just be aware of what it is. Whenever you open a window in Patch Librarian, check *its* MIDI channel to make sure it is set to the same thing as the PCM 70. To do this, make sure the desired window is the "active window" (there should be horizontal lines in the title bar), and then pick the desired channel out of the MIDI Menu. (It is usually more convenient to type Command-number to select the MIDI Channel if it is channel 10 or less).

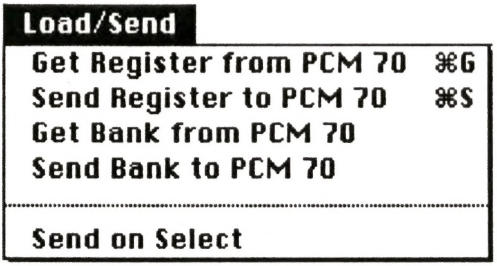
Be Unprotected

You will not be able to store registers in your PCM 70 if its memory protection is on—be sure it is off. To turn memory protect off, select the 7.0 CONTROL PGM program on the PCM 70, then select parameter 0.1 M PROTECT. Rotate the Soft Knob until the display reads M PROTECT OFF. Memory protect is now off.



PCM 70 Bank Window

After you have set up the PCM 70, and OK'd the "be sure to do this" dialog window, a bank window (shown above) will open on the screen. It has 50 registers. These correspond to the 50 user registers in the PCM 70.



PCM 70 Load/Send Menu

Get Register from PCM 70 ⌘G

To get a single register into the new bank window, first select where you want it to go. Then select **Get Register from PCM 70** from the **Load/Send** menu (or just type command-G). This copies the *currently loaded* register or program in the PCM 70 into the selected location in the bank window.

Send Register to PCM 70 ⌘S

Whenever you choose **Send Register to PCM 70** from the **Load/Send** menu, or when you select a register with **Send On Select** checked, the selected register is sent to the PCM 70's temporary register, register 5.0. To then store the register premanently, select a real register (0.0 – 4.9) to store into, then press LOAD while holding down the REG key.

Get Bank from PCM 70

Simply choose **Get Bank from PCM 70** from the **Load/Send** menu. This copies registers 0.0 – 4.9 in the PCM 70 into window locations 0.0 – 4.9.

Send Bank to PCM 70

Simply choose **Send Bank to PCM 70** from the **Load/Send** menu. This copies the registers in window locations 0.0 – 4.9 into the PCM 70 registers 0.0 – 4.9. Unlike sending single registers, sending an entire bank overwrites what is currently stored in the PCM 70 registers.

Send on Select

When this item is checked, registers are sent to the PCM 70 whenever they are selected in a bank or library window. They are sent in the same manner as **Send Register to PCM 70.**